

FIG. 1 A

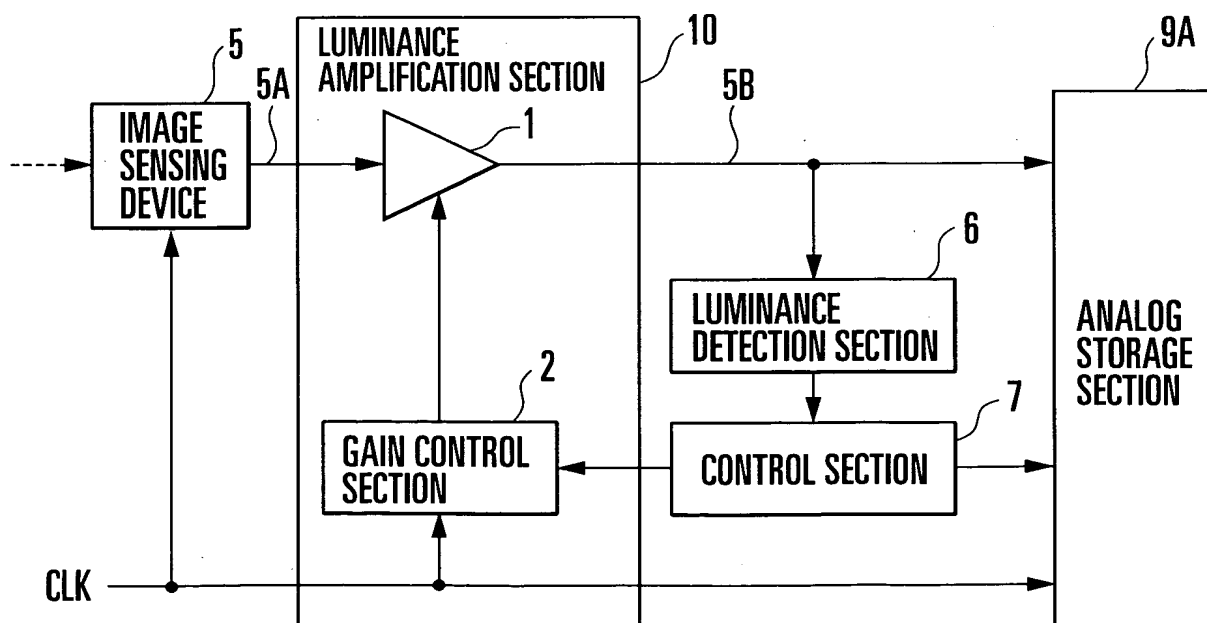


FIG. 1 B

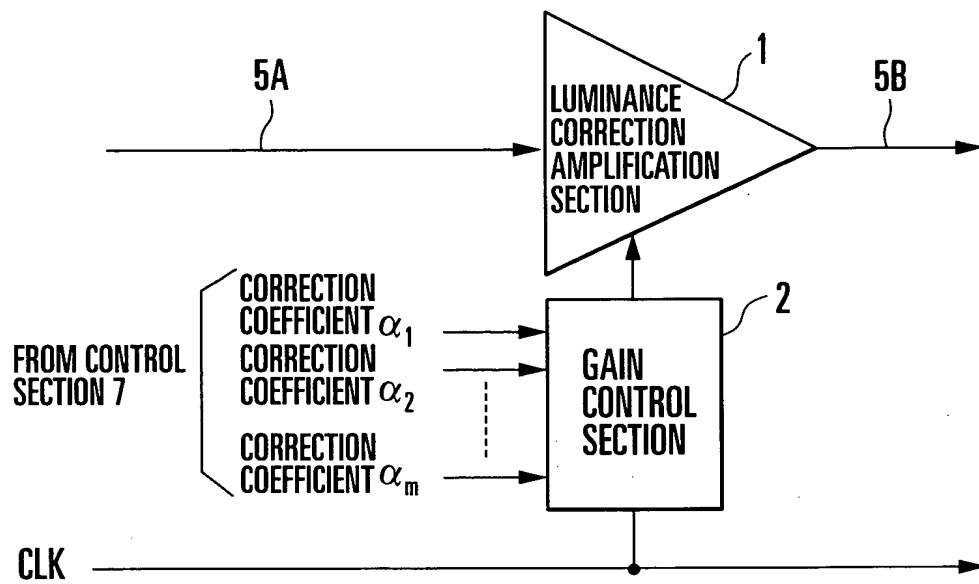


FIG. 2

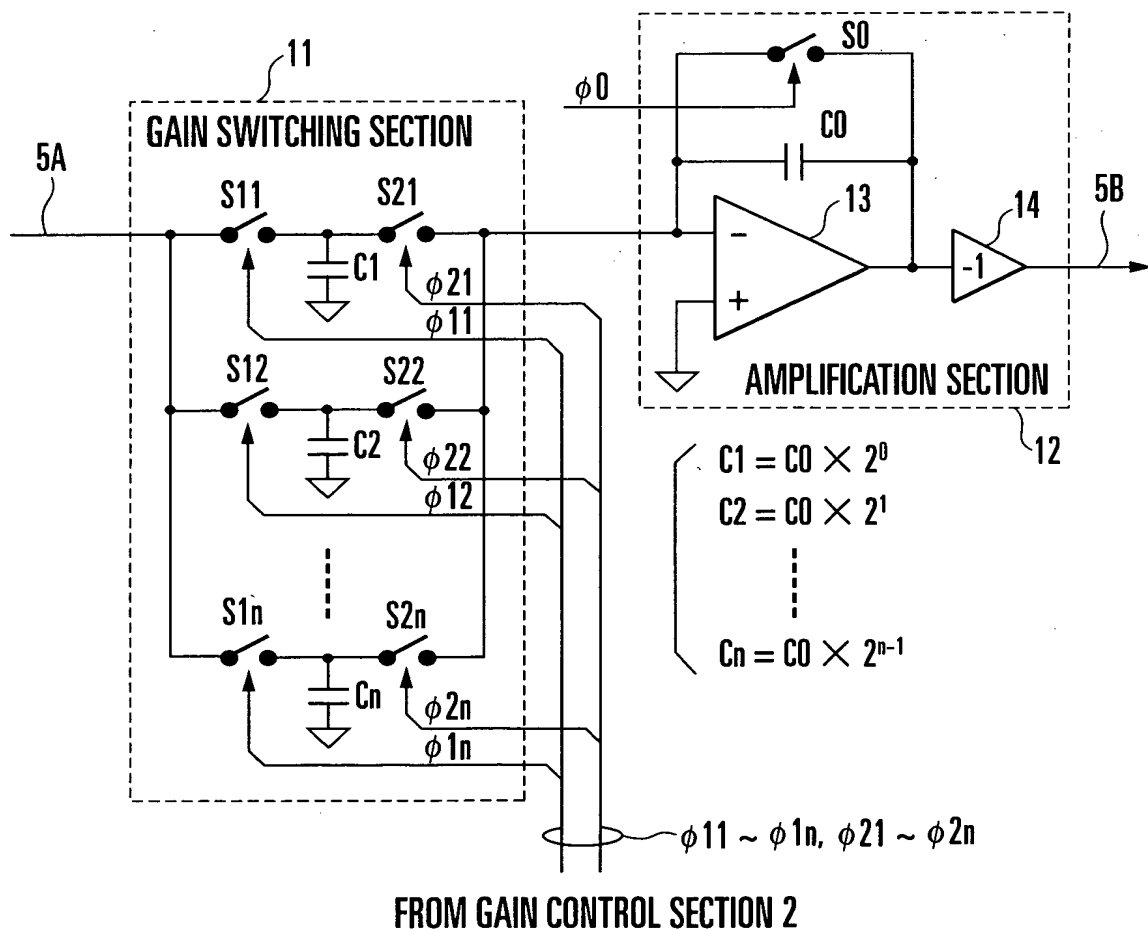


FIG. 3

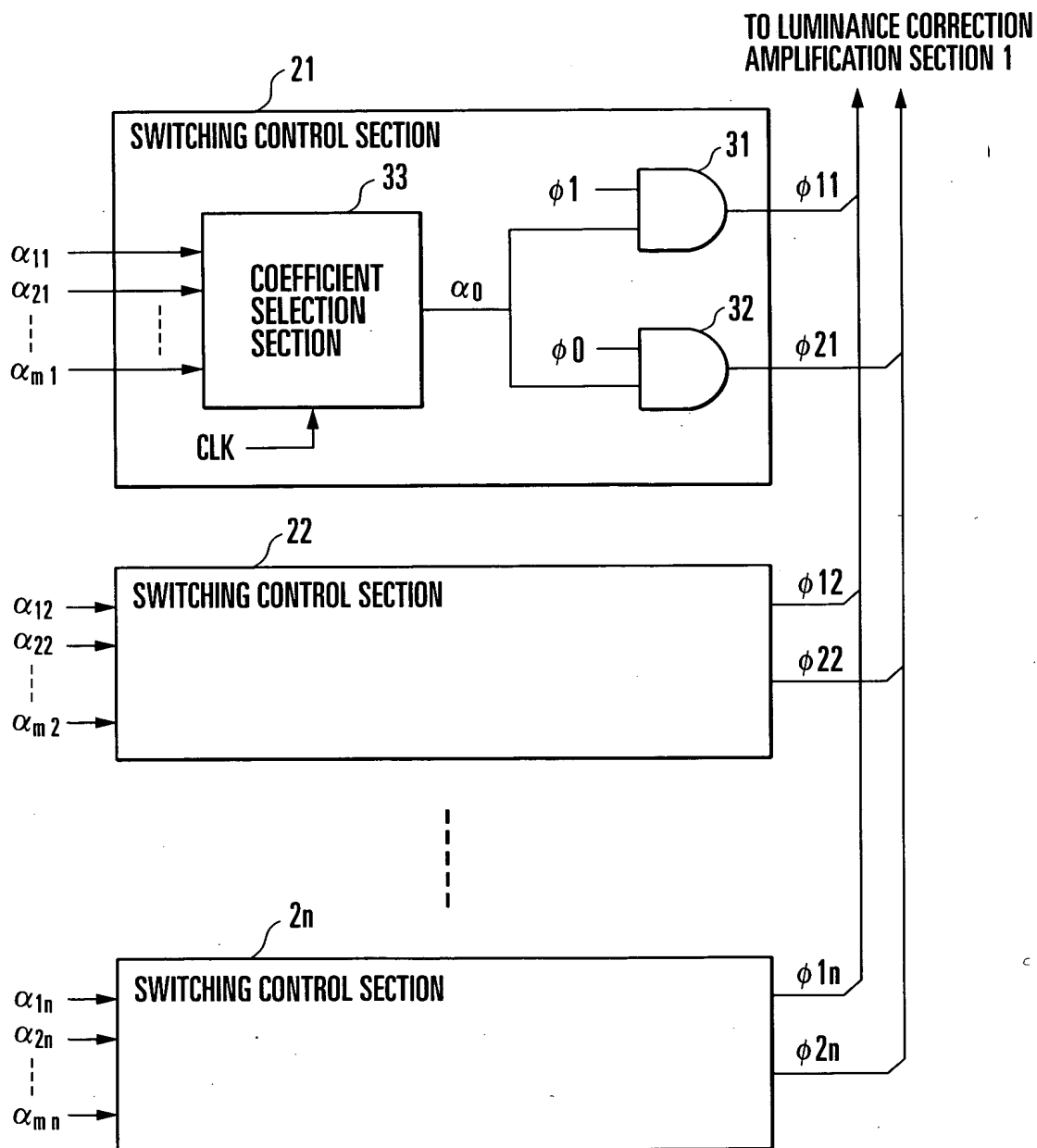


FIG. 4

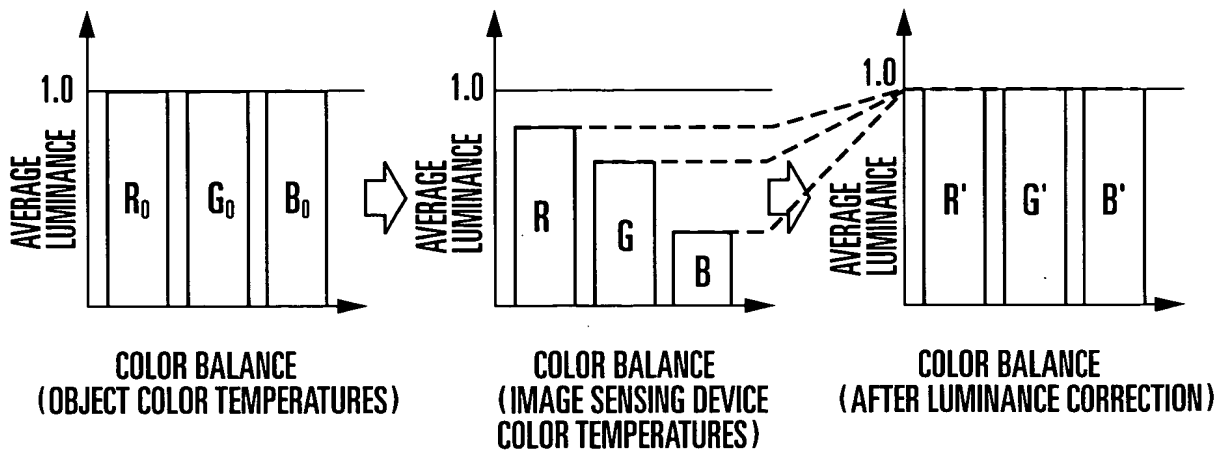


FIG. 5A

FIG. 5B

FIG. 5C

$$\begin{cases} R' = \alpha_R \times R \\ G' = \alpha_G \times G \\ B' = \alpha_B \times B \end{cases}$$

FIG. 5D

G	R	G	R	G	R	-----	G	R
B	G	B	G	B	G	-----	B	G
G	R	G	R	G	R	-----	G	R
B	G	B	G	B	G			

FIG. 5E

α_G	α_R	α_G	α_R	α_G	α_R	-----	α_G	α_R
α_B	α_G	α_B	α_G	α_B	α_G	-----	α_B	α_G
α_G	α_R	α_G	α_R	α_G	α_R	-----	α_G	α_R
α_B	α_G	α_B	α_G	α_B	α_G			

FIG. 5F

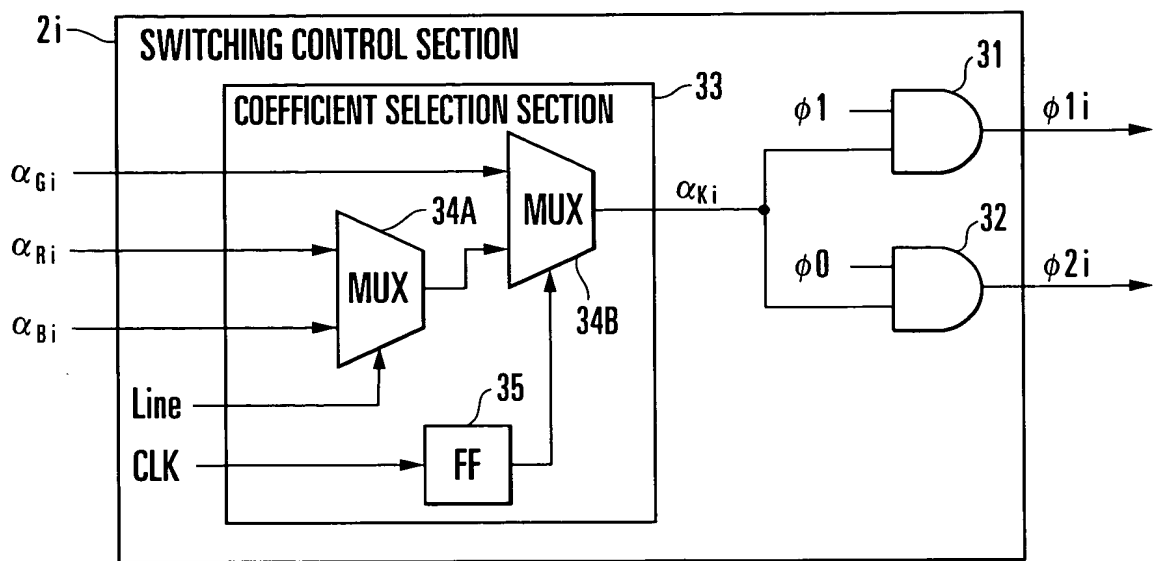


FIG. 6

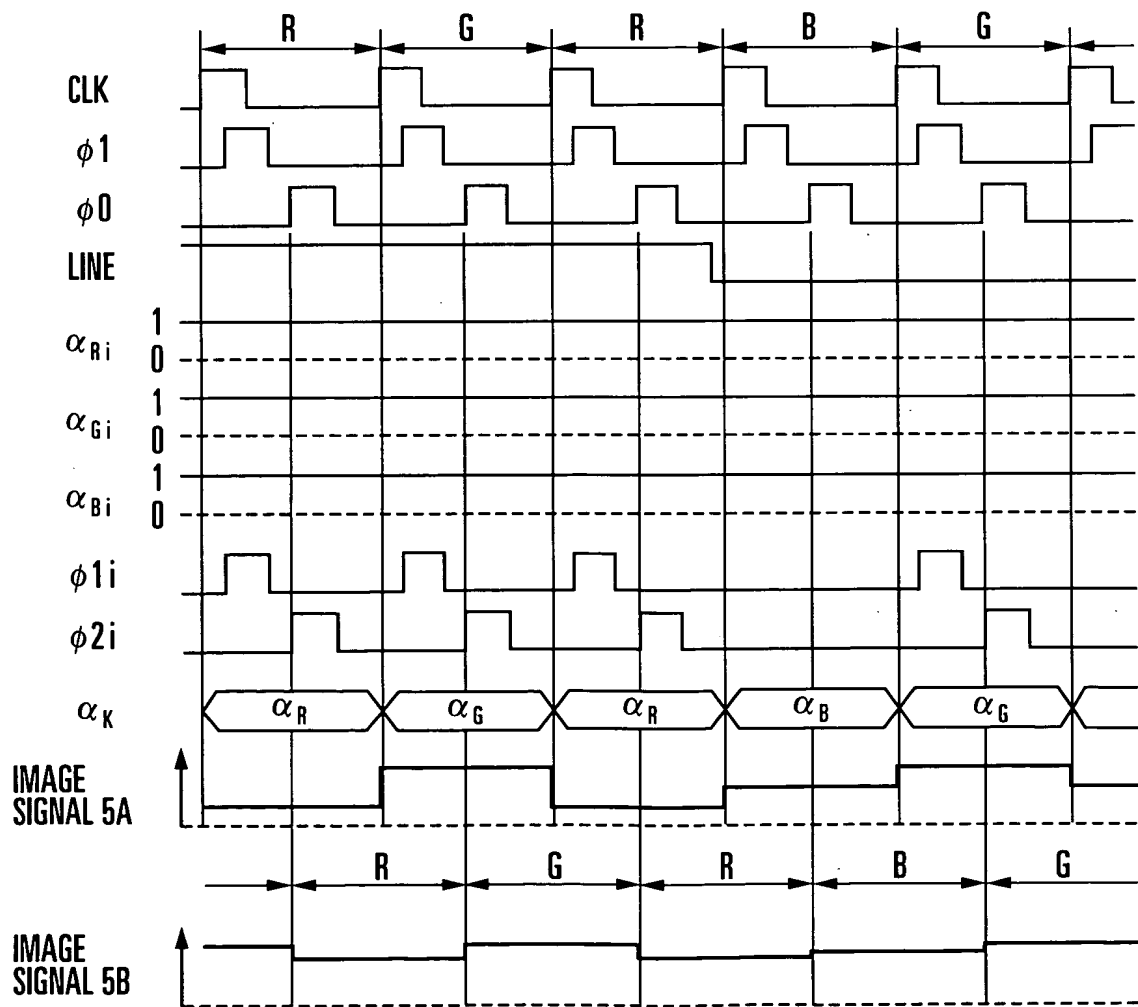


FIG. 7

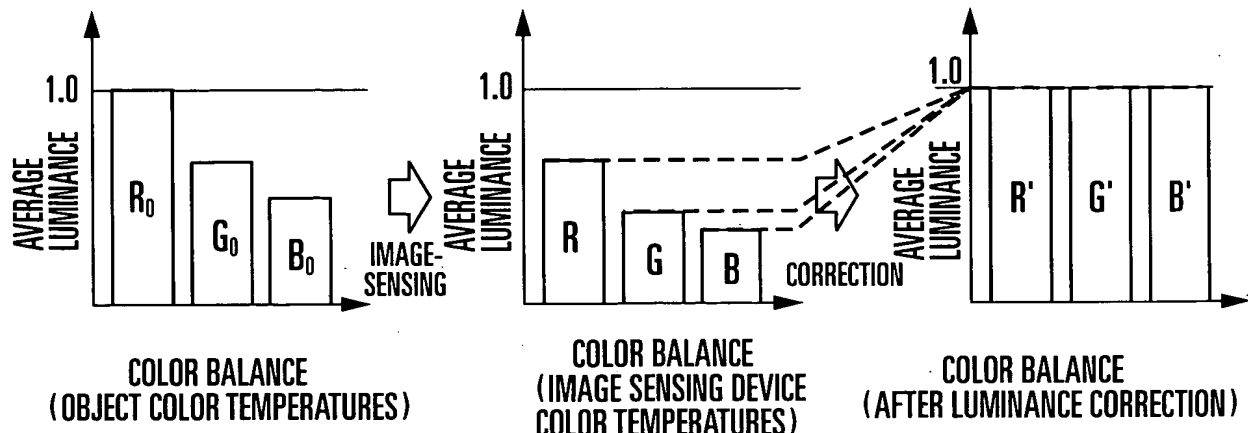


FIG. 8A

FIG. 8B

FIG. 8C

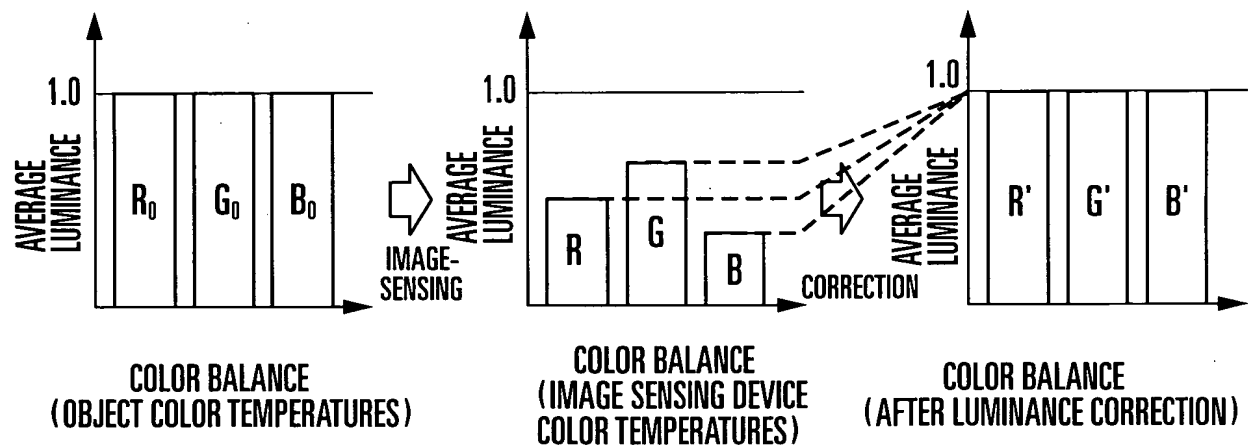


FIG. 8D

FIG. 8E

FIG. 8F

$$\left\{ \begin{array}{l} \alpha_K = S_R \cdot \alpha_R + S_G \cdot \alpha_G + S_B \cdot \alpha_B \\ S_R + S_G + S_B = 1 \\ S_R = \{0, 1\} \\ S_G = \{0, 1\} \\ S_B = \{0, 1\} \end{array} \right.$$

FIG. 8G

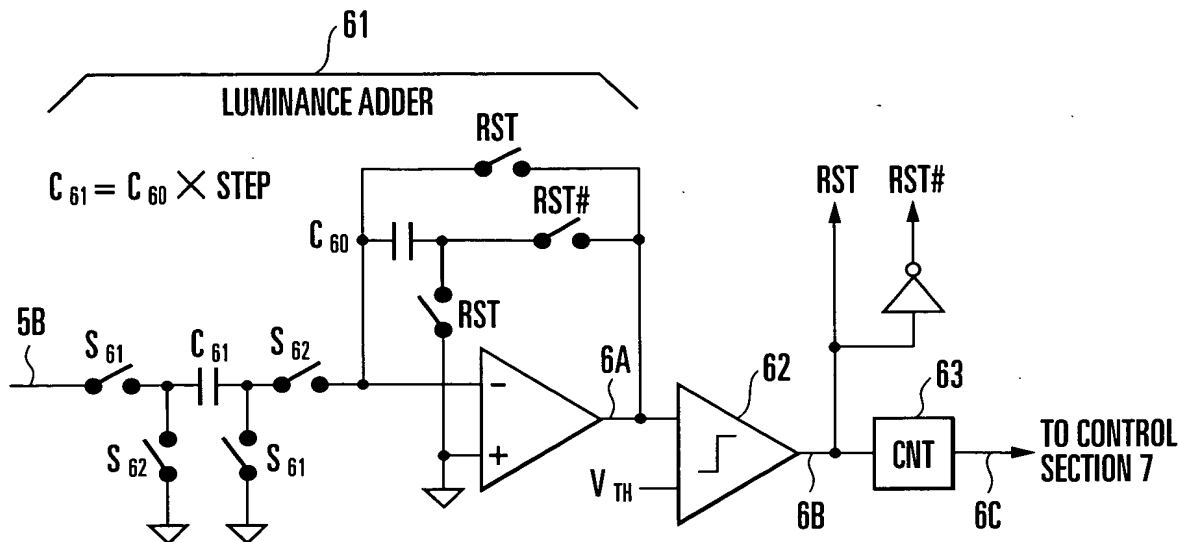


FIG. 9 A

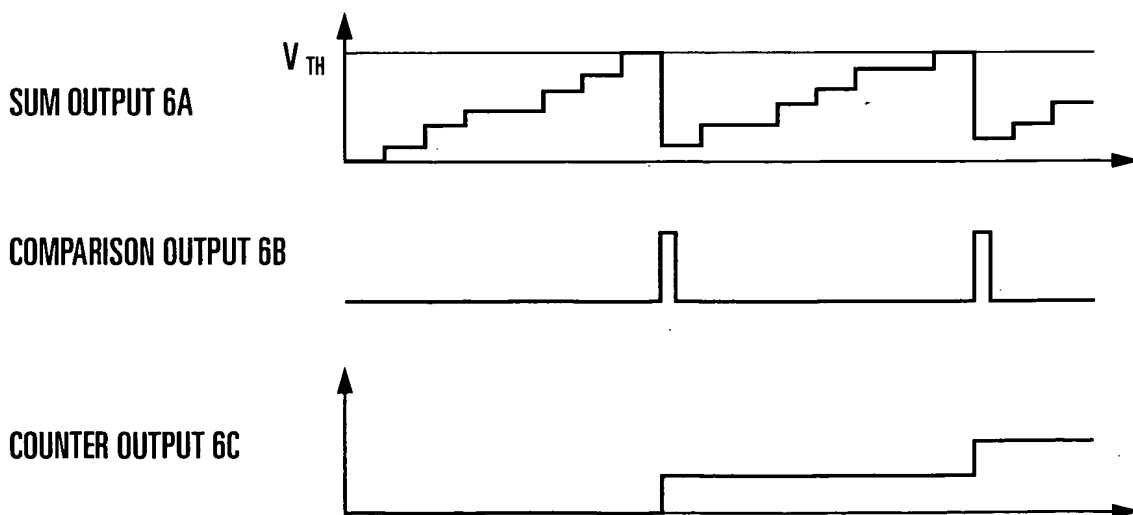


FIG. 9 B

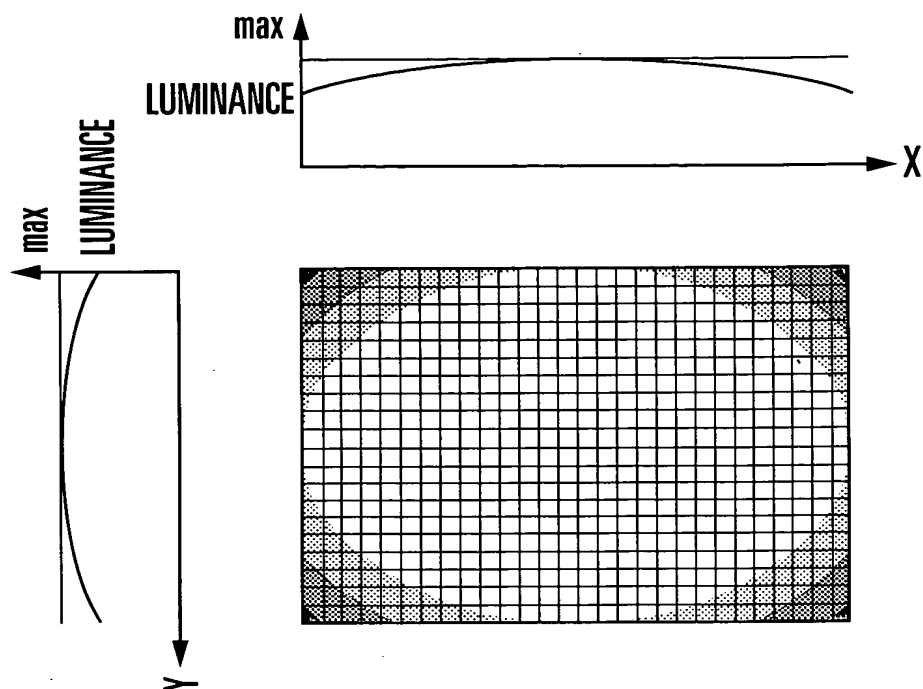


FIG. 10 A

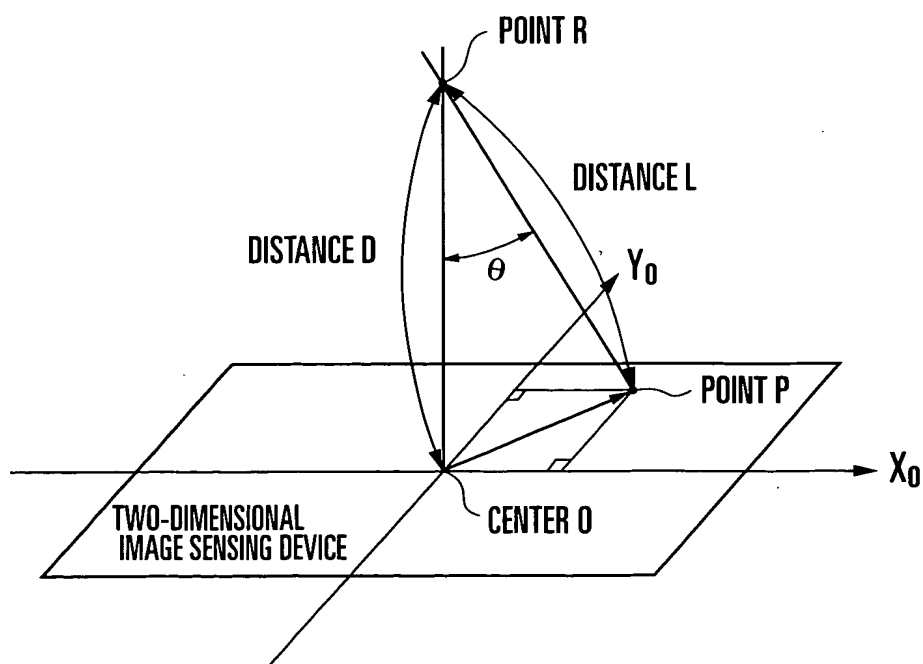


FIG. 10 B

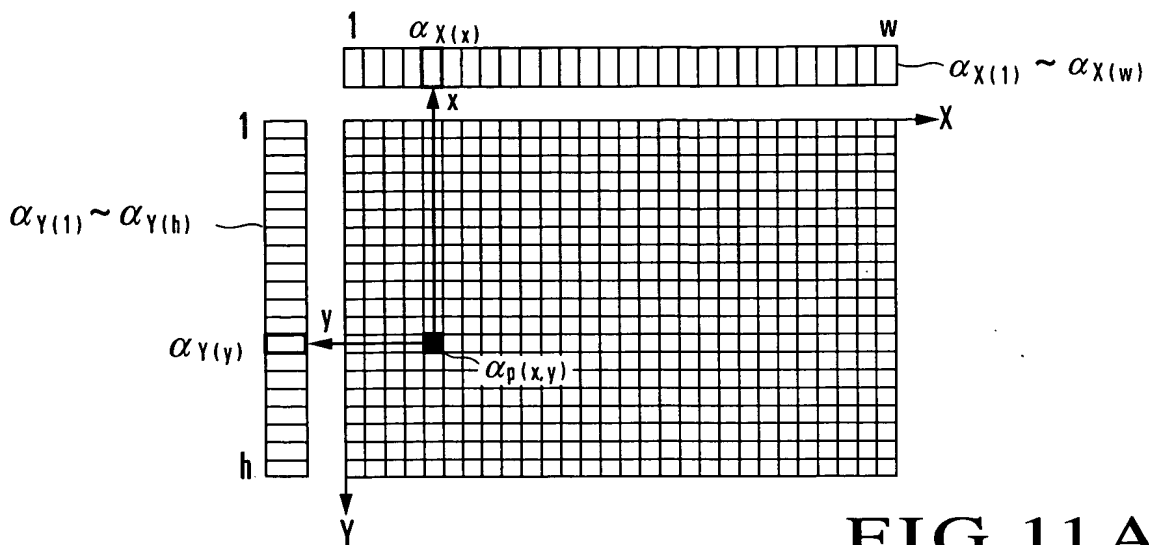


FIG. 11 A

$$\left\{ \begin{array}{l} \alpha_{p(x,y)} = \alpha_{X(x)} \times \alpha_{Y(y)} \\ \quad \quad \quad \doteq \alpha_{X(x)} + \alpha_{Y(y)} \\ \therefore \alpha_{X(x)} \doteq 1, \alpha_{Y(y)} \doteq 1 \end{array} \right.$$

FIG. 11 B

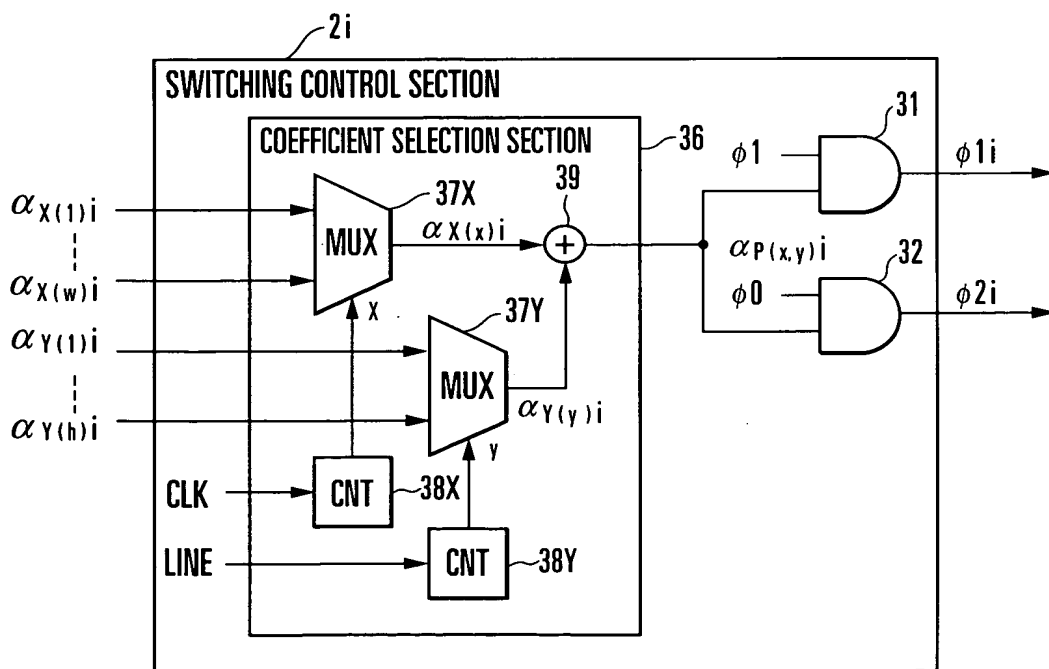


FIG. 12

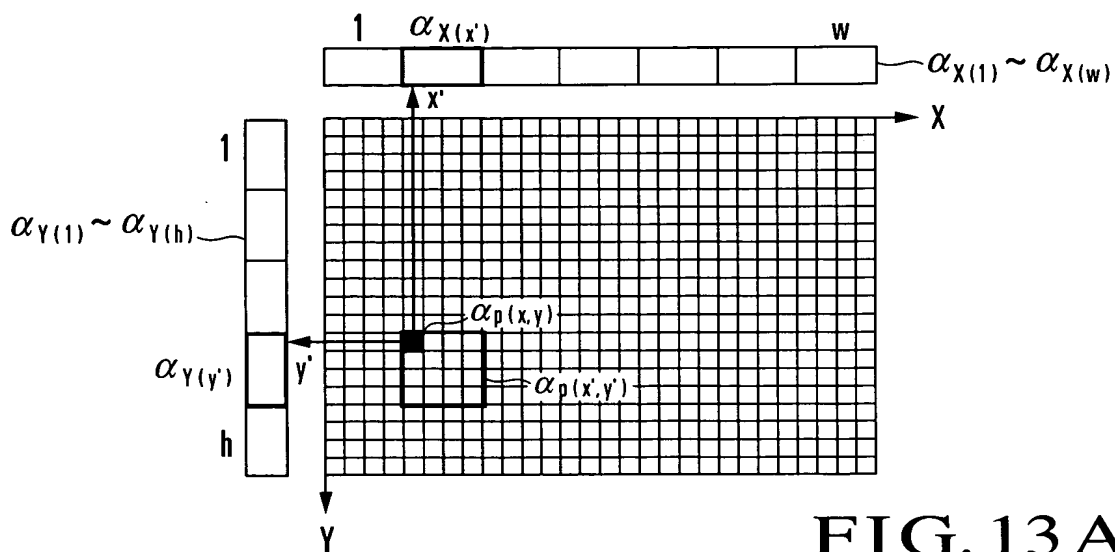


FIG. 13 A

$$\begin{aligned}
 X' &= f(x), \quad y' = f(y) \\
 \alpha_{P(x,y)} &= \alpha_{P(x',y')} \\
 &= \alpha_{X(x')} \times \alpha_{Y(y')} \\
 &\doteq \alpha_{X(x')} + \alpha_{Y(y')} \\
 \therefore \alpha_{X(x')} &\doteq 1, \alpha_{Y(y')} \doteq 1
 \end{aligned}$$

FIG. 13 B

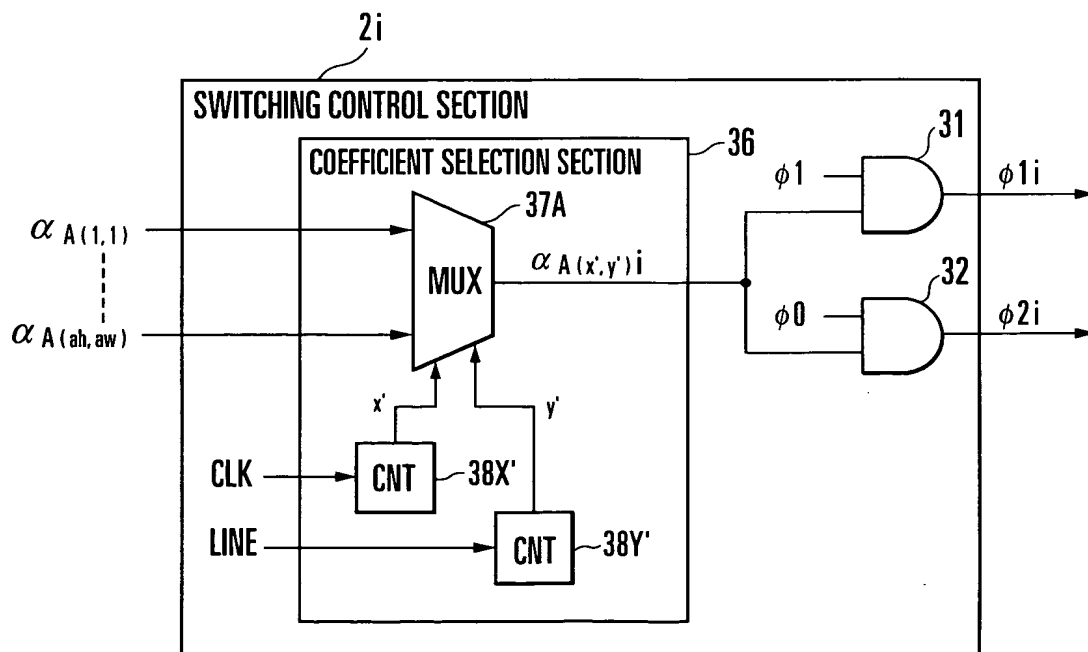


FIG. 14

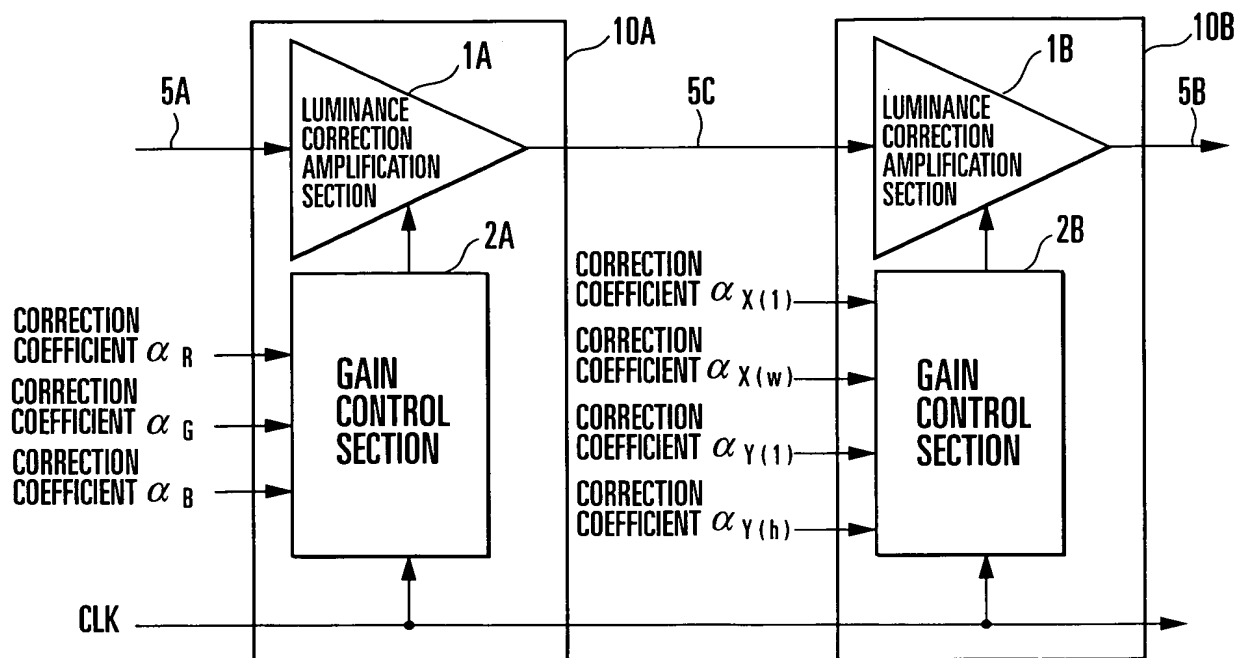


FIG. 15 A

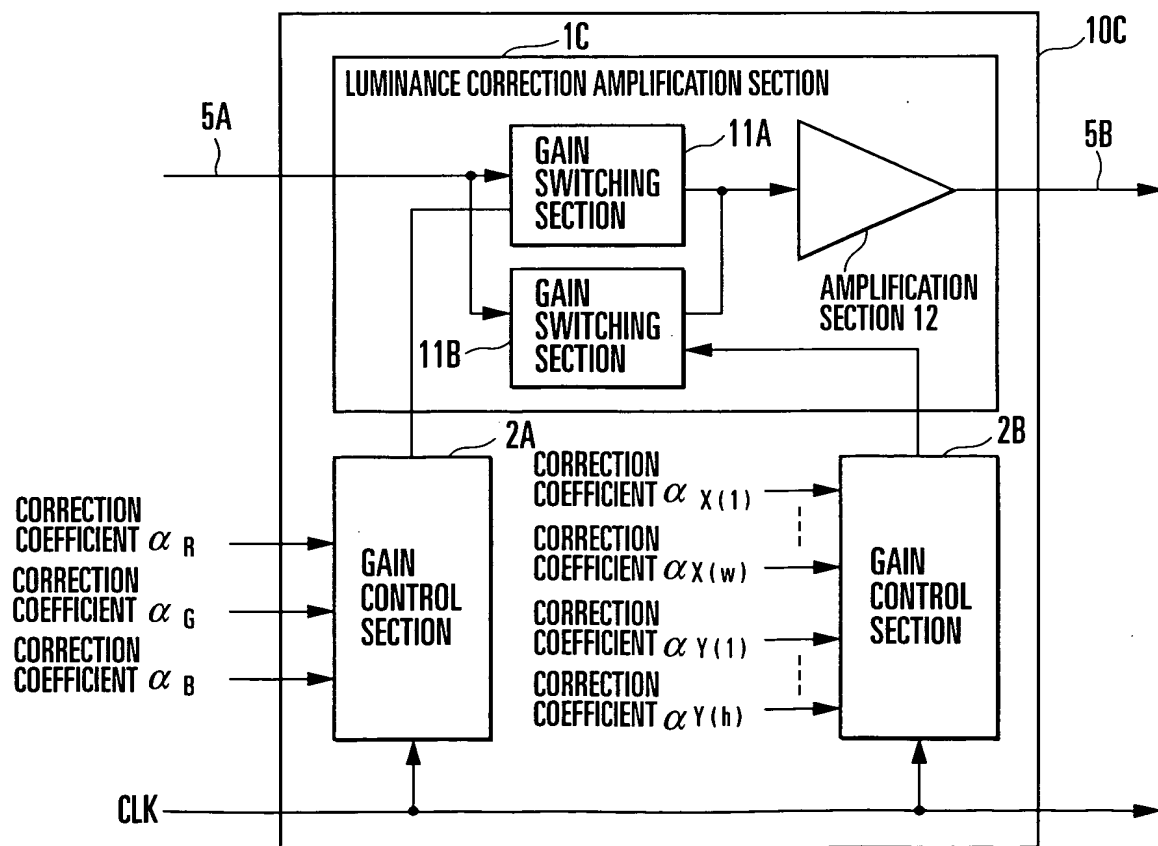


FIG. 15 B

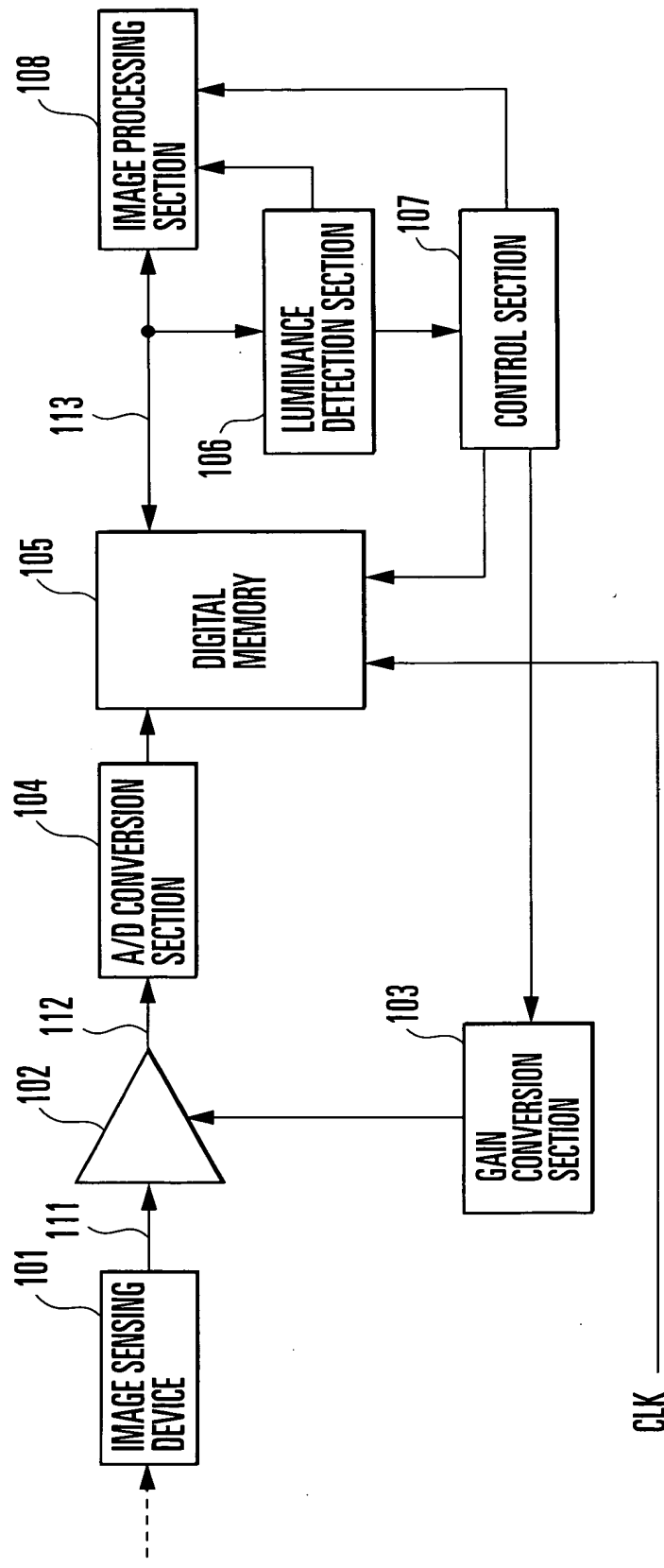


FIG. 16

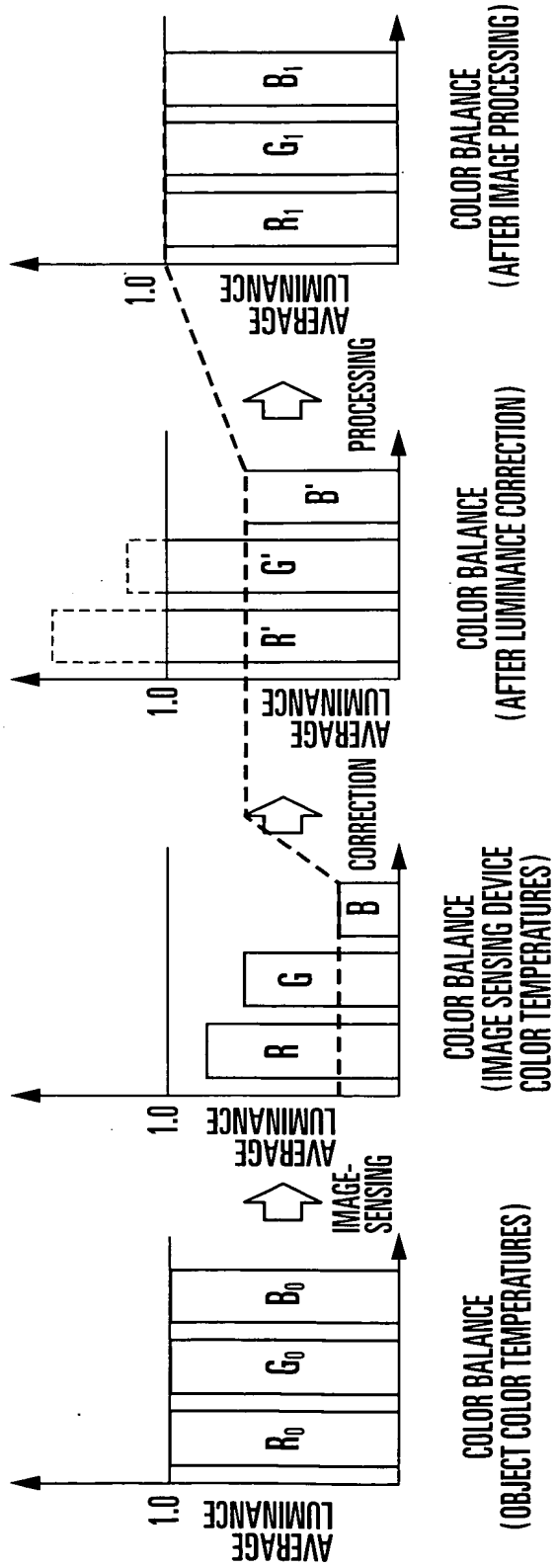


FIG. 17A

FIG. 17B

FIG. 17C

FIG. 17D